

10/566264

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

IAP2 Rec'd PCT/PTO 30 JAN 2006

Aharon J. AGRANAT et al

Serial No.: US National Phase of  
PCT/IL2004/000726

Filed: Herewith

For: Stable Dielectric Gratings Implemented By  
Composition Striations In Paraelectric Crystals

Group Art Unit: Not Yet Assigned

Attorney  
Docket: 31316

Examiner: Not Yet Assigned

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

  
 Martin D. Moynihan  
 Registration No. 40,338

Dated: January 30, 2006

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Complete if Known**

Application Number	US National Phase of PCT/IL 2003/000726 10-28626
Filing Date	Herewith
First Named Inventor	Aharon J. AGRANAT et al
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	31316

Sheet	1	of	2
-------	---	----	---

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code* Number* Kind Code* (if known)				
Examiner Signature				Date Considered		

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Transferee is not a USPTO applicant. The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) applications. Confidentiality is guaranteed by 35 U.S.C. 122 and 37 CFR 1.14, this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

**Complete if Known**

Application Number **11** US National Phase **6**

Filing Date	Herewith
-------------	----------

First Named Inventor	Aharon J.,
----------------------	------------

AGRANAT, et al

Group Art Unit	Not Yet Assigned
----------------	------------------

Examiner Name	Not Y
---------------	-------

Sheet	2	Of	2	Attorney Docket Number	31316
-------	---	----	---	------------------------	-------

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
----------------------	--------------------------	--	----------------

 $T^2$ 

/AC/

3

Bermúdez et al. "Engineering Of Lithium Niobate Domain Structure Through The Off-Centered Czochralski Growth Technique", Journal of Crystal Growth, 237-239: 677-681, 2002.

/AC

4

Bermúdez et al. "On The Cooling Effect In The Formation Of Periodic Poled Lithium Niobate Crystals Grown By Cz Technique", Journal of Crystal Growth, 207: 303-307, 1999.

/AC/

5

Bermúdez et al. "Growth And Second Harmonic Generation Characterization Of Er<sup>3+</sup>-Doped Bulk Periodically Poled LiNbO<sub>3</sub>", Applied Physics Letters, 73(5): 593-595, 1998.

---

6

Callejo et al. "Lithium Niobate Films On Periodic Poled Lithium Niobate Substrates Prepared By Liquid Phase Epitaxy", Journal of Crystal Growth, 237-239: 596-601, 2002.

Signature	/Audrey Chang/	Considered	02/24/2010
-----------	----------------	------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

**Patents** are issued by the U.S. Patent Office.  
 Information of information required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14, this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

**SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*